

REMARKS

Claims 1-2 are pending and under consideration. Claims 3-40 are withdrawn from consideration.

Independent claim 1 recites a plurality of wires in the wire/resistance heat emitting body pattern. The Examiner relies upon element 352 of Ramaswami (hereinafter '384) as corresponding to the wires and the pattern. However, element 352 is a dashed line indicating the boundary of the resistor 86. The element 352 is not a physical feature, but is instead an illustrated feature which exists only in the figures. Thus, this element does not correspond to the claimed plurality of wires or the pattern.

Claim 1 also recites that the wire/resistance heat emitting body pattern on the substrate and including an electric conductor layer. The Examiner relies upon the section 422 as corresponding to the claimed electric conductor layer. However, the section 422 is on the layer 420, which is on the layer 370. Therefore the section 422 is not on the substrate, as claimed.

Claim 1 also recites the wires have a first dopant doped therein by an ion implantation process carried out to regulate an electric resistance of the wires after forming the wire/resistance heat emitting body pattern over the substrate. The Examiner relies upon column 43, lines 6-30 of '384. This portion discloses that layer 306 is doped in order to form layer 370. Thus, the entire layer 306 is doped. Since the entire layer 306 is doped, a pattern is not formed, as claimed. The Examiner further relies upon column 54, lines 9-16. Lines 9-13 disclose that specific chemical and physical characteristics of the metal silicide compositions allow the connection thereof to the resistor. However, there is no disclosure that these physical characteristics are resistances, and furthermore there is no disclosure that these physical characteristics are the result of doping. Lines 13-16 refer to optimizing layer thicknesses, not to doping.

Accordingly, withdrawal of the rejection is requested.

There being no further outstanding objections or rejections, it is submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.

Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

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